Stress test

Purpose: to observe how much force the product can withstand until it tears.

Materials:

-Structural stress analyzer

-Product

-Two metal plates

-Two screws and nuts

Procedure:

1. Attach a plate on each side of the product about 1 inch from the bottom and screw them together.
2. Secure the product in the stress analyzer machine so that the downward force is exerted on the full length of the product.
3. Place the chain around the two plates and secure it on the loop.
4. Close the lid, and start the machine.
5. Once the analysis stops and the maximum force is determined, remove the product from the machine.